

Having described the invention, I claim:

1. A two part fastener for clamping together first and second members in an overlying relationship, said first and second members having surfaces defining an opening extending through said first and second members, said fastener comprising:

a base insertable into said opening, said base having a plurality of legs resiliently biased outwardly away from each other and movable between a plurality of positions relative to said first and second members, said legs being insertable through said opening; and

an actuator connected with said base and manually slid able along a linear axis relative to said base to control the position of said legs of said base relative to said first and second members;

said actuator having a first position of sliding movement relative to said base in which blocking portions of said legs are in a blocking position to block removal of said legs through said opening;

said actuator having a second position of sliding movement relative to said base in which said actuator blocks inward movement of said blocking portions of said legs from

said blocking position, thereby blocking removal of said fastener through said opening; and

said actuator having a third position of sliding movement relative to said base in which said actuator holds said blocking portions of said legs inward from said blocking position, thereby enabling removal of said fastener from said first and second members through said opening.

2. A fastener as set forth in claim 1 wherein said actuator is a slide that is moved a predetermined amount in a first direction relative to said base to move said actuator from the first position of sliding movement to the second position of sliding movement, and is moved a predetermined amount relative to said base in said first direction to move said actuator from the second position of sliding movement to the third position of sliding movement.

3. A fastener as set forth in claim 2 wherein said actuator has two tracks for engaging said legs of said base, said first track being engaged with said first leg when said actuator is in the first and second and third positions, said second track being engaged with said second leg when

said actuator is in the first and second and third positions.

4. A fastener as set forth in claim 3 wherein said tracks can have surfaces that cam said legs inwardly toward said axis during movement from the first position to the second position, and said tracks have surfaces that cam said legs inwardly toward said axis during movement from the second position to the third position.

5. A fastener as set forth in claim 1 wherein said actuator has two tracks that move into engagement with and slide along said legs to control the position of said legs in said opening upon linear sliding movement of said actuator relative to said base.

6. A fastener as set forth in claim 5 wherein said tracks define between them a generally V-shaped chamber in which said legs are engageable by said tracks, said V-shaped chamber tapering from an open first end of said actuator to a closed second end of said actuator.

7. A fastener as set forth in claim 1 wherein said actuator includes a stop located between said tracks, said legs having end portions that are captured between said tracks and said stop when said actuator is in the second position.

8. A fastener as set forth in claim 1 wherein said actuator is a slide having opposed, facing surfaces that define between them a V-shaped chamber for receiving end portions of said retaining legs of said base.

9. A fastener as set forth in claim 8 wherein each one of said opposed, facing surfaces has three camming surfaces separated from each other by first and second engagement surfaces, said retaining legs engaging said first engagement surface when said slide is in the first position, said retaining legs engaging said second engagement surface when said slide is in the second position, said retaining legs engaging said a third engagement surface when said slide is in the third position, said third engagement surface being located at the narrow end of said V-shaped chamber.

10. A two part fastener for clamping together first and second members in an overlying relationship, said first and second members having surfaces defining an opening extending through said first and second members, said fastener comprising:

a base insertable into said opening, said base having a plurality of legs resiliently biased outwardly away from each other and movable between a plurality of positions relative to said first and second members, said legs being insertable through said opening, said plurality of legs on said base including first and second legs each having an end portion and a blocking portion;

an actuator connected with said base and manually slid able relative to said base along a linear axis to control the position of said legs of said base relative to said first and second members;

said actuator having a first portion comprising a first multi-sectioned track in engagement with said end portion of said first leg to control inward or outward movement of said blocking portion of said first leg in

response to sliding movement of said actuator relative to said base in opposite directions;

    said actuator having a first second comprising a second multi-sectioned track in engagement with said end portion of said second leg to control inward or outward movement of said blocking portion of said second leg in response to sliding movement of said actuator relative to said base in opposite directions;

    said actuator having a first position of sliding movement relative to said base in which said blocking portions of said legs are in a blocking position to block removal of said legs through said opening;

    said actuator having a second position of sliding movement relative to said base in which said actuator blocks inward and outward movement of said blocking portions of said legs from said blocking position, thereby blocking removal of said fastener through said opening; and

    said actuator having a third position of sliding movement relative to said base in which said actuator holds said blocking portions of said legs inward from said blocking position, thereby enabling removal of said fastener from said first and second members through said opening.

11. A fastener as set forth in claim 5 wherein said tracks define between them a generally V-shaped chamber in which said end portions of said legs are engageable by said tracks, said V-shaped chamber tapering from an open first end of said actuator to a closed second end of said actuator.

12. A fastener as set forth in claim 11 wherein said actuator includes a stop located between said tracks, said leg end portions being captured between said tracks and said stop when said actuator is in the second position.